

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Boga, et al.	)	Group Art Unit:	1645
Serial No:	10/687,327	)	Examiner:	Unknown
Filed:	October 16, 2003	)	Our Account No:	04-1403
Confirmation No:	8506	)	Customer No:	22827
Title:	Method And Device For Detecting Ammonia Odors And Helicobacter Pylori Urease Infection	)		

Commissioner for Patents  
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The following is an Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

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- a. A list of materials for consideration per Rule 98(a)(1): 3 page(s)
- b. A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98 and/or as indicated on the attached list(s):  
41 item(s)
- c. For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items:  
[ ] Such explanation is provided in the Search Report from a corresponding application enclosed herewith along with any enclosed translation into English.

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- b. AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR an action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:

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By: Christina L. Mangelsen, Patent Agent

Reg. No. 50,244

Signature: Christina L. Mangelsen

Date: April 20, 2004



Information Disclosure Statement List		Attorney Docket Number: KCX-842 (19559)	Serial Number: 10/687,327
By Applicant(s)		Applicant: Boga, et al.	
Under 37 CFR Section 1.98(a)(1) (Use several sheets if necessary)		Filing Date: October 16, 2003	Group Art Unit: 1645
		Confirmation No: 8506	

NOTE: If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]:

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 (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:

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- Relied on under 35 U.S.C. Section 120, per Rule 98(d)  
 (3) Both reasons (1) and (2) apply  
 (4) No legible complete copy is possessed, in custody of controlled, or readily available  
 (5) Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE
/V.G.P./	Davis	R	E	3	0	7	9	7	11/17/1981	5
	Davis	R	E	3	0	8	0	3	11/24/1981	5
	Tratnyck	4	4	0	7	9	6	0	10/04/1983	5
	Aoyama, et al.	4	9	7	8	6	1	5	12/18/1990	5
	Watunabe, et al.	4	9	8	8	5	0	1	01/29/1991	5
	Kavassalis, et al.	5	2	0	9	9	9	8	05/11/1993	5
	Abe, et al.	5	3	4	2	8	7	6	08/30/1994	5
	Law, et al.	5	3	9	7	6	6	7	03/14/1995	5
	Spencer, et al.	5	4	2	0	0	9	0	05/30/1995	5
	Spencer, et al.	5	4	8	7	9	3	8	01/30/1996	5
	El-Shall, et al.	5	5	8	0	6	5	5	12/03/1996	5
	Matijevic, et al.	5	8	7	1	8	7	2	02/16/1999	5
	Abe, et al.	5	9	8	9	5	1	0	11/23/1999	5
	Spencer, et al.	6	1	7	2	1	7	3	01/09/2001	5
	Weintraub	6	1	7	7	6	0	8	01/23/2001	5
	Law, et al.	6	1	9	0	8	1	4	02/20/2001	5
	Oldenburg, et al.	6	3	4	4	2	7	2	02/05/2002	5
	Hoshino, et al.	6	3	5	8	5	3	7	03/19/2002	5
	Wellinghoff, et al.	6	4	1	0	7	6	5	06/25/2002	5
	Bosch, et al.	6	4	2	8	8	1	4	08/06/2020	5
	Wu, et al.	6	4	6	7	8	9	7	10/22/2002	5
	Tan, et al.	6	5	4	8	2	6	4	04/15/2003	5
/V.G.P./	Raymond, et al.	6	5	7	8	5	2	1	06/17/2003	5

**U.S. PATENT APPLICATION PUBLICATIONS**

EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER						PUBLICATION DATE	COPY NOTE	
/V.G.P./	Kolb, et al.	0	1	2	8	3	3	6	09/12/2002	5

/Ginny Portner/  
06/16/2009

(Rev. 5/92)  Information Disclosure Statement List  By Applicant(s)  Under 37 CFR Section 1.98(a) (1)  (Use several sheets if necessary)	Attorney Docket Number:  KCX-842 (19559)	Serial Number:  10/687,327
	Applicant:  Boga, et al.	
	Filing Date:  October 16, 2003  Confirmation No:  8506	Group Art Unit:  1645

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	TRANSLATION			COPY NOTE
				YES	NO	N/A	
/v.g.p./	EP	0 3 4 8 9 7 8 A2	01/03/1990			X	
	EP	0 4 8 3 5 0 0 A1	05/06/1992			X	
	EP	0 5 1 0 6 1 9 A1	10/28/1992			X	
	WO	8 9 0 2 6 9 8 A1	04/06/1989			X	
	WO	9 1 1 2 0 2 9 A1	08/22/1991			X	
	WO	9 1 1 2 0 3 0 A1	08/22/1991			X	
	WO	9 1 1 1 9 7 7 A1	08/22/1991			X	
	WO	9 6 1 9 3 4 6 A2 & A3	06/27/1996			X	
/v.g.p./							

"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER INITIALS	OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	COPY NOTE
/v.g.p./	Article - <i>Adsorption of Dyes on Nanosize Modified Silica Particles</i> , Guangwei Wu, Athanasia Koliadima, Yie-Shein Her, and Egon Matijevic, Journal of Colloid and Interface Sciences, Vol. 195, 1997, pp. 222-228	
/v.g.p./	Article - <i>Adsorption of Proteins and Antibiotics on Porous Alumina Membranes</i> , Yi Hua Ma, Aseem Bansal, and William M. Clark, Fundamentals of Adsorption, Vol. 80, 1992, pp. 389-396	
/v.g.p./	Product Information Sheet for Snowtex®, 6 pages	
/v.g.p./	Article - <i>Significance of Ammonia in the Genesis of Gastric Epithelial Lesions Induced by Helicobacter pylori: An in vitro Study with Different Bacterial Strains and Urea Concentrations</i> , P. Sommi, V. Ricci, R. Fiocca, M. Romano, K.J. Ivey, E. Cova, E. Solcia, and U. Ventura, Digestion, Vol. 57, 1996, pp. 299-304	
/v.g.p./	Article - <i>Ammonia vapour in the mouth as a diagnostic marker for Helicobacter pylori infection: preliminary "proof of principle" pharmacological investigations</i> , C. D. R. Dunn, M. Black, D. C. Cowell, C. Penault, N. M. Ratcliffe, R. Spence, and C. Teare, British Journal of Biomedical Science, Vol. 58, 2001, pp. 66-76	

/Ginny Portner/

06/16/2009

(Rev. 5/92) <b>Information Disclosure Statement List</b> <b>By Applicant(s)</b> <b>Under 37 CFR Section 1.98(a) (1)</b> <b>(Use several sheets if necessary)</b>	<b>Attorney Docket Number:</b> <b>KCX-842 (19559)</b>  <b>Applicant:</b> <b>Boga, et al.</b>	<b>Serial Number:</b> <b>10/687,327</b>  <b>Filing Date:</b> <b>October 16, 2003</b> <b>Group Art Unit:</b> <b>1645</b> <b>Confirmation No:</b> <b>8506</b>
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/v.g.p./	Article – <i>Purification and Characterization of Urease from Helicobacter pylori</i> , Bruce E. Dunn, Gail P. Campbell, Guillermo I. Perez-Perez, and Martin J. Blaser, <i>The Journal of Biological Chemistry</i> , Vol. 265, No. 16, June 5, 1990, pp. 9464-1990		
/v.g.p./	Article – <i>Validation of <sup>13</sup>C-Urea Breath Test for the Diagnosis of Helicobacter Pylori Infection in the Singapore Population</i> , T. S. Chua, K. M. Fock, E. K. Teo, T. M. Ng, <i>Singapore Medical Journal</i> , Vol. 43, No. 8, 2002, pp. 408-411		
/v.g.p./	Article – <i>Significance of ammonia produced by Helicobacter pylori</i> , Shigeji Ito, Yoshihiro Kohli, Takaji Kato, Yoshimichi Abe, and Takashi Ueda, <i>European Journal of Gastroenterology &amp; Hepatology</i> , Vol. 6, No. 2, 1994, pp. 167-174		
/v.g.p./	Article – <i>Spectrophotometric Assay of Thiols</i> , Peter C. Jocelyn, <i>Methods in Enzymology</i> , Vol. 142, 1987, pp. 44-67		
EXAMINER	/Ginny Portner/	DATE CONSIDERED	06/16/2009
<b>Examiner:</b> initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.			